

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5306268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WENMING XU	12/21/2018
YU FU	12/21/2018
MINGJIE ZHANG	12/21/2018
FEI WANG	12/21/2018
BEIBEI XU	12/21/2018
JUKE LIU	12/21/2018
RONGBANG LUO	12/21/2018
JUNJUN YUAN	12/21/2018
SHUAN DING	12/21/2018
RECEIVING PARTY DATA	
Name:	QINGDAO HAIER AIR CONDITIONER GENERAL CORP., LTD.
Street Address:	HAIER INDUSTRIAL PARK, NO.1 HAIER ROAD, LAOSHAN DISTRICT,
City:	QINGDAO, SHANDONG PROVINCE
State/Country:	CHINA
Postal Code:	266101
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16314848
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	JIWEN CHEN

SIGNATURE:	/jiwen chen/
DATE SIGNED:	01/02/2019
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

UNITED STATES OF AMERICA – ASSIGNMENT

(1-9) Insert Name(s) of Inventors

(1) XU, Wenming
 (2) FU, Yu
 (3) ZHANG, Mingjie
 (4) WANG, Fei
 (5) XU, Beibei
 (6) LIU, Juke
 (7) LUO, Rongbang
 (8) YUAN, Junjun and
 (9) DING, Shuang

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to

(10) Insert Name of Assignee QINGDAO HAIER AIR CONDITIONER GENERAL CORP., LTD.

(11) Insert Address of Assignee of Haier Industrial Park, No.1 Haier Road, Laoshan District, Qingdao, Shandong Province, P. R. China 266101

(12) Insert Legal Entity and State or Country (e.g. a corporation or citizen of Japan) a CORPORATION of P. R. CHINA

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(13) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

METHOD OF ADJUSTING ELECTRONIC EXPANSION VALVE OF OUTDOOR UNIT OF AIR-CONDITIONER

(14) Insert Date of signing of Application, or filing date and Serial No., if known

For which the undersigned has (have) executed an application for patent in the United States of America Said application having been executed/filed on January 2, 2019 and assigned Serial No.

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any matter which may be declared concerning this application or any continuing or divisional

applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such matter.

- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent in the name of the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.
- 6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>2018.12.21</u>	Name of Inventor	<u>XU, Wenming</u>		<u>Xu Wenming</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>FU, Yu</u>		<u>Fu Yu</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>ZHANG, Mingjie</u>		<u>Zhang Mingjie</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>WANG, Fei</u>		<u>Wang Fei</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>XU, Beibei</u>		<u>Xu Beibei</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>LIU, Juke</u>		<u>Liu Juke</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>LUO, Rongbang</u>		<u>Luo Rongbang</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>YUAN, Junjun</u>		<u>Yuan Junjun</u>
			typed name		signature
Date	<u>2018.12.21</u>	Name of Inventor	<u>DING, Shuang</u>		<u>Ding Shuang</u>
			typed name		signature